SHAVALA MADHU SEKHAR

Software Engineer

Contact

Address
Hyderabad, India 500034

Phone
76589 06331

E-mail
madhusekhar.shavala21@gmail.com

Skills

PYTHON

Basics of UI/UX

Web Technologies

Languages

English

Telugu

Hindi

To pursue a challenging career involving my technical and interpersonal skills to give an outstanding performance to the organization with utmost dedication and commitment.

Work History

2025-02 - Current	**Software Engineer**
	LYROS TECHNOLOGIES PRIVATE LIMITED, Hyderabad, India

Education

2024-04	**Bachelor of Technology: Electronics & Communications Engineering**
	G. Pullaiah College of Engineering & Technology - Kurnool, India
	• Final Grade: 5.8
2017-04	**Intermediate: MPC**
	Sri Chaitanya Junior College - Kurnool, India
	• Final Grade: 77.4
2015-04	**SSC**
	Bala Bharathi High School - Kurnool, India
	• Final Grade: 8.7

Academic Project

Implementation of a Multipurpose Crosstalk Noise Avoidance by Using Test Adapted Shielding Technique on ASIC, XLINX based.
Implemented the Test Adaptive Shielding (TAS) technique to reduce crosstalk noise in ASIC designs, improving circuit performance and testing efficiency. Researched the impact of electromagnetic coupling on VLSI circuits and optimized noise reduction using modified shield lines. Achieved significant performance enhancements while minimizing space and hardware requirements. Utilized Xilinx tools for design, simulation, and testing, enhancing ASIC reliability and efficiency.

Declaration

I hereby declare that all the above-mentioned information is true and correct to the best of my knowledge.